

AMENDMENT OF OIL AND GAS LEASE

STATE OF WEST VIRGINIA }
 }
 COUNTY OF MARSHALL }

This AMENDMENT OF OIL AND GAS LEASE (hereinafter referred to as "Amendment") is by and between Joan D. & Kenneth G. Brown (hereinafter referred to as "Lessor") and Trans Energy, Inc. (hereinafter referred to as "Lessee").

WHEREAS, Lessor entered into that certain Oil and Gas Lease dated April 9, 2009, a Memorandum of which was duly recorded in Book 681, Page 497 of the County Clerk's Public Records of Marshall County, West Virginia (hereinafter referred to as "Said Lease") covering lands in District 3 as described in said Memorandum.

WHEREAS, certain terms of Paragraph 22 of Said Lease requires improved definition; and

WHEREAS, Lessor and Lessee agree to amend Paragraph 22 of Said Lease by making certain revisions, as if they were originally part of Said Lease as provided herein; and

NOW THEREFORE, in consideration of the premises and other good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, the undersigned Lessor, his successors, heirs and/or assigns, do hereby amend the following terms of Paragraph 22 of Said Lease as though the terms specified below were part of the original lease, and does hereby amend Paragraph 22 of Said Lease by replacing Paragraph 22 in its entirety with the following language:

"22. This lease covers all formations and strata from the top of the Rhinestreet formation to the base of the Onondaga Limestone Formation, ("Target Formation"). The top of the Rhinestreet being that Geological Formation or its stratigraphic equivalent at 6,682' and the Base of the Onondaga Limestone being that Geological Formation or its stratigraphic equivalent at 7,099' as depicted on the Baker Hughes, Inc. Compensated Z-Densilog, Compensated Neutron Log, Digital Spectralog, Gamma Ray Log, Caliper Log, dated January 23, 2010 as measured from the rig kelly bushing at 1,518' (elevation) for the Trans Energy, Inc. - Whipkey #2H Well, API #47-051-01320 in Marshall County, West Virginia. Lessee shall have the right of first refusal to lease all formations above the Rhinestreet and below the Onondaga Limestone. Upon Lessee commencing drilling operations to the Targeted Formation and its subsequent completion, this has the effect of holding all other formations, if they are unleased, on the subject lease for a period of one year for the benefit of Lessee to drill additional well either above or below the Target Formation subject to the terms and conditions of this lease. Lessee agrees to use all wells for the production of oil and gas unless approved by Lessor in writing."

The remainder of the lease shall remain otherwise as written and the undersigned does hereby grant, lease and let the land described above to Trans Energy, Inc., and its successors or assigns, on the terms and conditions of the lease as amended hereby.

All other terms and conditions of the Oil and Gas Lease shall remain in full force and effect.

ACCEPTED AND AGREED to this 22 day of February, 2010.

WITNESS:

LESSOR:

Carolyn H. McShack

Joan D. Brown
 Joan D. Brown

Kenneth G. Brown
Kenneth G. Brown

WITNESS:

LESSEE:

Trans Energy, Inc.

Carolyn H. McGrath

Mark D. Woodburn
Mark D. Woodburn
Land Department Manager

ACKNOWLEDGEMENTS

Pennsylvania
STATE OF WEST VIRGINIA

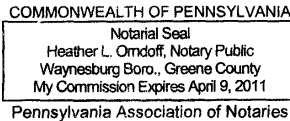
COUNTY OF Greene

This instrument was acknowledged before me on Feb 22, 2010 by Joan D. Brown and Kenneth G. Brown.

Heather L. Omdoff
Notary Public

My Commission Expires:

April 9, 2011



STATE OF WEST VIRGINIA

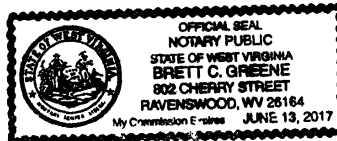
COUNTY OF PLEASANTS

This instrument was acknowledged before me on June 29, 2010 by Mark D. Woodburn, Land Department Manager of Trans Energy, Inc. a Nevada corporation, on behalf of said corporation.

Brett C. Greene
Notary Public

My Commission Expires:

June 13, 2017



Jan Pest
MARSHALL County 08:54:30 AM
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Book-Page 735-69
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This document prepared by and return to:

Trans Energy, Inc.
P.O. Box 393
St. Marys, West Virginia 26170

STATE OF WEST VIRGINIA, MARSHALL COUNTY, SCT.:

I, JAN PEST, Clerk of the County Commission of said County, do hereby certify that the annexed writing, bearing date on the 22nd day of February, 2010, was presented for and by me, admitted to record in my office upon the above certificate as to the parties therein named this 10th day of June, 2011, at 8:54 o'clock A.M.

TESTE: Jan Pest Clerk.